

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37	(fft fourier histogram) same ignore same below	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:22
L2	1	(fft fourier histogram) same (ignore with (below "less than") with (maximum max peak))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:22
L3	2181	(fft fourier histogram) same (threshold with (maximum max peak))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:24
L4	375	(fft fourier histogram) same (threshold with (maximum max peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:26
L5	13	(fft fourier histogram) same ("10%" "20%" "30%" "40%" "50%" "1/10" "1/5" "3/10" "2/5" "1/2" "one tenth" "one fifth" "three tenth" "two fifth" "one half") same (threshold with (maximum max peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:32
L6	8	(fft fourier histogram) same (threshold with dB with (maximum max peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:34
L7	9	(fft fourier histogram) same (threshold with (\$2dB decibel) with (maximum max peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:36
L8	98	(fft fourier histogram) same ((\$2dB decibel) with (maximum max peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:43

EAST Search History

L9	5	(fft fourier histogram) same ((ignore disregard reject) with (maximum max. peak) with (amplitude intensity power strength))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:44
L10	22	(fft fourier histogram) same (minimum with amplitude with threshold)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 07:44
L27	4	playlist with automatic with (qualities aspects)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:56
L28	94	playlist with automatic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 09:59
L29	37	(US-20020170414-\$ or US-20020035915-\$ or US-20010045153-\$ or US-20060095254-\$ or US-20060053003-\$ or US-20040044487-\$ or US-20030211867-\$ or US-20040144238-\$). did. or (US-6372975-\$ or US-6201178-\$ or US-6057503-\$ or US-5783767-\$ or US-5756918-\$ or US-5003860-\$ or US-4982643-\$ or US-5038658-\$ or US-6031171-\$ or US-5418322-\$ or US-5056401-\$ or US-6878869-\$ or US-7027983-\$ or US-6740804-\$ or US-6545209-\$ or US-5510572-\$ or US-5424486-\$ or US-6951977-\$ or US-6627806-\$ or US-6613971-\$ or US-6930236-\$ or US-6057502-\$ or US-5744742-\$ or US-4510840-\$ or US-6664458-\$ or US-4951544-\$).did. or (US-5412156-\$ or US-5153361-\$).did. or (EP-367191-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/08 09:59
L30	0	L29 and jukebox	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 11:40

EAST Search History

L31	12	tonality and jukebox	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 11:29
L32	153	jukebox and playlist and processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 11:30
L33	23	jukebox and (playlist same automatic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 11:30
L34	1	L29 and playlist	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 11:48
L35	90	(key! tonality) with playlist	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:06
L38	18	("automatic accompaniment" "automatic arrangement") with (karaoke)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:13
L39	32	karaoke with jukebox	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:14
L43	40	karaoke with (jukebox (juke adj box))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:14

EAST Search History

L44	8	karaoke with (jukebox (juke adj box)) not 39	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/08 12:14
S2	1	"EP000367191A2"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 10:20
S5	2	"20060075883".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 14:25
S6	6	((CHRISTOPHER) near2 (THORNE)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/01 13:21
S7	127	((RICHARD) near2 (COLE)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/01 13:21
S8	7	((CHRISTOPHER) near2 (THORNE)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/01 13:21
S9	46	((RICHARD) near2 (COLE)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/01 13:21
S16	2	"5038658".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 18:43
S17	10	(5418322 20020035915 6031171 20020170414).pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:03
S18	175	((equal adj (temperament tempered))) with (key scale)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 15:30
S19	5	"pandora media".as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 15:41

EAST Search History

S20	55	("20030089218" "4191472" "4775935" "5041972" "5124911" "5210820" "5237157" "5250745" "5278751" "5291395" "5410344" "5469206" "5483278" "5486645" "5534911" "5541638" "5550746" "5616876" "5634021" "5634051" "5634101" "5675784" "5719344" "5726909" "5749081" "5754938" "5758257" "5809246" "5822744" "5835087" "5848396" "5848404" "5864868" "5893095" "5897639" "5911131" "5913204" "5918223" "5931901" "5945988" "5963916" "5963957" "5969283" "5973683" "6020883" "6026388" "6026398" "6029195" "6049797" "6070160" "6085185" "6088722" "6240423" "6526411" "6657117").PN. OR ("7003515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 15:45
S21	36	S20 and key	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 15:45
S22	6	(84/637.ccls.) and (scale tonic keynote) with (predict predicting determine determining) same (song track music)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:17
S23	982	84/609.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:27
S24	733	84/615.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:27
S25	227	84/616.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:18
S26	329	84/603.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:18

EAST Search History

S27	238	84/613.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:18
S28	134	84/617.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:18
S29	133	(S23 S24 S25 S26 S27 S28) and (tonality key) with (predict predicting determine determining) same (song track music)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:21
S30	16	(84/637.ccls.) and (tonality key) with (predict predicting determine determining) same (song track music)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:22
S31	14	(S23 S24 S25 S26 S27 S28 84/637.ccls.) and (scale tonic keynote) with (predict predicting determine determining) same (song track music) not S29 not S30	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:21
S32	13638	(second plurality) with (notes! pitches!)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 11:20
S33	135779	(pitch tonic fundamental tonality key keynote (key adj note) scale) with (detect detecting predict predicting determine determining)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:11
S34	5906	fourier and S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 11:23

EAST Search History

S35	227	S34 and S32	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 11:23
S36	98	S35 and (music song track)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 11:23
S37	631	(key) with (octave or scale) with (detect detecting predict predicting determine determining)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:23
S38	140	fourier and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:12
S39	136	S38 and note	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:12
S40	3	S37 same (note) and fourier	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:14

EAST Search History

S41	132	("20030205124" "2924776" "2958250" "3509454" "3631756" "3647929" "3696293" "3722353" "3766818" "3901120" "3968719" "3982184" "4014242" "4018124" "4078469" "4142434" "4366741" "4377961" "4392409" "4399732" "4429609" "4434697" "4479416" "4603386" "4732071" "4796509" "4951544" "4991484" "5003860" "5016515" "5029509" "5038658" "5056398" "5078040" "5083493" "5088380" "5099738" "5111392" "5111727" "5149902" "5153361" "5183398" "5202528" "5229534" "5248845" "5266735" "5285711" "5349130" "5388496" "5396827" "5440756" "5500486" "5504833" "5549028" "5610942" "5619003" "5619004" "5670731" "5686682" "5719343" "5760326" "5773737" "5777248" "5780759" "5814748" "5852252" "5929358" "5936180" "5952597" "5960373" "6066790" "6100462" "6111183" "6150598" "6281423" "6403871" "6452082" "6784354" "6856923").PN. OR ("2001/0045153" "2002/0035915" "2002/0170414" "2003/0211867" "2004/0044487" "2006/0053003" "2006/0095254" "4510840" "5038658" "5418322" "5744742" "5783767" "6031171" "6057502" "6057503" "6201178" "6613971" "6627806" "6740804" "6930236" "6951977").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 15:18
S42	89	S41 and (key tonic chord)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 15:19
S43	15	S42 and fourier	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 15:23
S44	62	(detect detecting predict predicting determine determining) near4 (key! tonic) near4 (piece music musical signal) near4 note	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:49
S45	61	playlist near6 (key tonic) and music	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:50

EAST Search History

S46	1	S45 and fourier	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 15:50
S47	133	(L2 L3 S66 S54 S55 S69) and (tonality key) with (predict predicting determine determining) same (song track music)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:17
S48	16	(84/637.ccls.) and (tonality key) with (predict predicting determine determining) same (song track music)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:17
S49	8	"84/612,618,654,653,656,636".ccls. and (tonality key) with (predict predicting determine determining) same (song track music) not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:23
S50	4	"84/612,618,654,653,656,636".ccls. and (scale tonic keynote) with (predict predicting determine determining) same (song track music) not S47 not S48 not S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 17:23
S51	19	("5486645" "5616876" "5877445").PN. OR ("6545209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 08:42
S52	7	("4506580" "5418322" "5424486" "5510572").PN. OR ("5756918").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 17:31
S53	8	("4982643" "5003860" "5056401" "5088380" "5218153" "5221802").PN. OR ("5424486").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 17:34
S54	1770	84/612,615,618,654,653,656,636,613,637, 650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 16:56
S55	417	S54 and octave and key! and note	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 12:46
S56	11	S55 and fourier	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 09:19

EAST Search History

S57	7	S55 and histogram	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 09:19
S58	2	"5412156".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:59
S59	1255	84/612,615,618,654,653,656,636.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:22
S60	9	("4184401" "4489636" "5056401" "5085118" "5153361" "5216188" "5296644" "5319152").PN. OR ("5412156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 13:03
S61	18	("4419916" "4656911" "4896576" "5003860").PN. OR ("5153361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 13:32
S62	37	(US-20020170414-\$ or US-20020035915-\$ or US-20010045153-\$ or US-20060095254-\$ or US-20060053003-\$ or US-20040044487-\$ or US-20030211867-\$ or US-20040144238-\$). did. or (US-6372975-\$ or US-6201178-\$ or US-6057503-\$ or US-5783767-\$ or US-5756918-\$ or US-5003860-\$ or US-4982643-\$ or US-5038658-\$ or US-6031171-\$ or US-5418322-\$ or US-5056401-\$ or US-6878869-\$ or US-7027983-\$ or US-6740804-\$ or US-6545209-\$ or US-5510572-\$ or US-5424486-\$ or US-6951977-\$ or US-6627806-\$ or US-6613971-\$ or US-6930236-\$ or US-6057502-\$ or US-5744742-\$ or US-4510840-\$ or US-6664458-\$ or US-4951544-\$).did. or (US-5412156-\$ or US-5153361-\$).did. or (EP-367191-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/06 13:50
S63	17	S62 and fourier	US-PGPUB; USPAT; EPO	OR	ON	2006/11/06 13:50
S64	4	("5202528" "5440756" "5760326" "5952597").PN. OR ("6057502").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 14:28
S65	3	("4951544" "5038658" "5088380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/06 17:36

EAST Search History

S66	723	(detect detection) near2 (tonality key) same (music musical)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 08:57
S67	403	(detect detection) near (tonality key) same (music musical)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 08:56
S68	30	S66 and (fourier fft)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 08:57
S69	37	(US-20020170414-\$ or US-20020035915-\$ or US-20010045153-\$ or US-20060095254-\$ or US-20060053003-\$ or US-20040044487-\$ or US-20030211867-\$ or US-20040144238-\$).did. or (US-6372975-\$ or US-6201178-\$ or US-6057503-\$ or US-5783767-\$ or US-5756918-\$ or US-5003860-\$ or US-4982643-\$ or US-5038658-\$ or US-6031171-\$ or US-5418322-\$ or US-5056401-\$ or US-6878869-\$ or US-7027983-\$ or US-6740804-\$ or US-6545209-\$ or US-5510572-\$ or US-5424486-\$ or US-6951977-\$ or US-6627806-\$ or US-6613971-\$ or US-6930236-\$ or US-6057502-\$ or US-5744742-\$ or US-4510840-\$ or US-6664458-\$ or US-4951544-\$).did. or (US-5412156-\$ or US-5153361-\$).did. or (EP-367191-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/11/07 09:51
S70	18	S69 and chord and (tonality key)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 10:56
S71	17	S69 and (chord with (tonality key))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 10:57
S72	4	("4951544" "5183398" "5670731").PN. OR ("6031171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 11:50

EAST Search History

S73	12	jukebox with data adj3 processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 13:29
S74	15	(threshold ignore) with ("10%" "20%" "30%" "40%" "50%" "1/10" "1/5" "3/10" "2/5" "1/2" "one tenth" "one fifth" "three tenths" "two fifth" "one half") and 84/612,615,616,618,654,653,656,636,613,637,650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 14:55
S75	1	(maximum max amplitude) with ("1/7" "one seventh") and 84/612,615,616,618,654,653,656,636,613,637,650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 14:53
S76	4	("1/7" "one seventh") and 84/612,615,616,618,654,653,656,636,613,637,650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 14:53
S77	50	(peak maximum max amplitude) same ("10%" "20%" "30%" "40%" "50%" "1/10" "1/5" "3/10" "2/5" "1/2" "one tenth" "one fifth" "three tenth" "two fifth" "one half") and 84/612,615,616,618,654,653,656,636,613,637,650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:08
S78	19	(threshold) same ("10%" "20%" "30%" "40%" "50%" "1/10" "1/5" "3/10" "2/5" "1/2" "one tenth" "one fifth" "three tenth" "two fifth" "one half") and 84/612,615,616,618,654,653,656,636,613,637,650,669,715.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:34
S79	9	("10%" "20%" "30%" "40%" "50%" "1/10" "1/5" "3/10" "2/5" "1/2" "one tenth" "one fifth" "three tenth" "two fifth" "one half") and S69	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 15:49